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Applicant: A. Bartholomew Flick

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Examiner: Kim M. Lewis

For: *MULTILAYER CONDUCTIVE APPLIANCE HAVING WOUND HEALING AND  
ANALGESIC PROPERTIES*

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Sir:

Pursuant to the duty of disclosure under 37 C.F.R. §1.56 and 37 C.F.R. §1.97, Applicant submits a Supplemental Information Disclosure Statement, including three (3) pages of Form PTO-1449, and copies of nine (9) documents cited therein. Pursuant to the waiver in the notice entitled "Information Disclosure Statements May Be Filed Without Copies of U.S. Patents and Published Applications in Patent Applications Filed After June 30, 2003" published on August 5, 2003 in 1273 OG 55, copies of cited U.S. Patents and Patent Applications are not enclosed. Copies will be provided upon request, however.

This supplemental Information Disclosure Statement is being filed under 37 C.F.R. 1.97 (c) after a first Office action. The Commissioner is authorized to charge \$180.00, the fee set forth under 37 CFR § 1.17(p), to Account No. 50-3129. It is believed that no additional fee is

required with this submission. However, should an additional fee be required, the Commissioner is hereby authorized to charge any fees to Deposit Account No. 50-3129.

### **U.S. Patents**

<u>Number</u>	<u>Issue Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
1,498,059	06-17-1924	Tyler	
1,545,413	07-07-1925	Elmvall	
1,975,518	10-02-1934	Rose	
1,989,282	01-29-1935	Kimble et al.	
3,543,760	12-01-1970	Bolduc	
3,799,162	03-26-1974	Romero-Sierra et al.	
3,817,253	06-18-1974	Gonser	
3,845,771	11-05-1974	Vise	
3,911,906	10-14-1975	Reinhold, Jr.	
3,914,488	10-1975	Gorrafa et al	
4,213,463	07-22-1980	Osenkarski	
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4,456,001	06-26-1984	Pescatore	
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4,510,939	04-16-1985	Brenman et al.	
4,554,923	11-26-1985	Batters	
4,556,051	12-03-1985	Maurer	
4,664,118	05-12-1987	Batters	
4,867,166	09-19-1989	Axelgaard et al.	
4,937,323	06-26-1990	Silver et al.	
5,038,797	08-13-1991	Batters	
5,067,478	11-26-1991	Berlant	
6,063,980	05-2000	Peterson et al	
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6,897,349	05-24-2005	Gibbins et al.	
7,005,556	02-08-2006	Becker et al.	

### U.S. Patent Applications

<u>Number</u>	<u>Filing Date</u>	<u>Patentee</u>	<u>Class/Subclass</u>
09/613,961	07-11-2000	Flick	
11/220,566	09-06-2005	Becker et al	
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### Publications

BECKER et al., "Clinical Exp. With Low Intensity Direct Current Stimulation of Bone Growth," *Clin. Orthop. & Rel. Res.*, (1977) Vol. 124, pp. 75-83.

BECKER et al., "Electrochemical Mechanisms and the Control of Biological Growth Processes," *Modern Aspects of Electrochemistry*, (1971) No. 10, pp. 289-338.

BECKER et al., "Experience with Low-Current Silver Electrode Treatment of Nonunion," *Electrical Prop. Bone & Cartilage* (ed. C.T. Brighton, et al.), (1979).

BERGER et al., "Electrically Generated Silver Ions: Quantitative Effects on Bacterial & Mammalian Cells," *Antimicrob. Agents & Chemother.* (1976) Vol. 9, pp. 357-358.

HILL et al., "Inhibitory and Cidal Antimicrobial Actions of Electrically Generated Silver Ions," *J. Oral & Maxillofac. Surg.*, (1987) Vol. 45, pp. 779-784.

MARINO et al., "Electrochemical Properties of Silver-Nylon Fabrics," *Electrochemical Science and Technology*, (1985) Vol. 132, No. 1, pp. 68-72.

SPADARO et al., "Experience with Anodic Silver in the Treatment of Osteomyelitis," 25<sup>th</sup> Ann. ORS Mtg., (February 20-22, 1979).

SPADARO et al., "Some Specific Cellular Effects of Electrically Injected Silver & Gold Ions," *Bioelectrochem. & Bioenergetics*, (1976) Vol. 3, pp. 49-57.

URIST et al., "Bone Morphogenesis in Implants of Insoluble Bone Gelatin," *Proc. Nat. Acad. Sci. USA*, (1973) Vol. 70, No. 12, Part I, pp. 3511-3515.

### **Remarks**

This statement should not be interpreted as a representation that an exhaustive search has been conducted or that no better art exists. Moreover, Applicants invites the Examiner to make an independent evaluation of the cited art to determine its relevance to the subject matter of the present application. Applicant is of the opinion that his claims patentably distinguish over the art referred to herein, either alone or in combination.

Respectfully submitted,

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